

Fig. 1

# Effects of Gilatide (33µg/kg) on PAR Via Different Routes of Administration

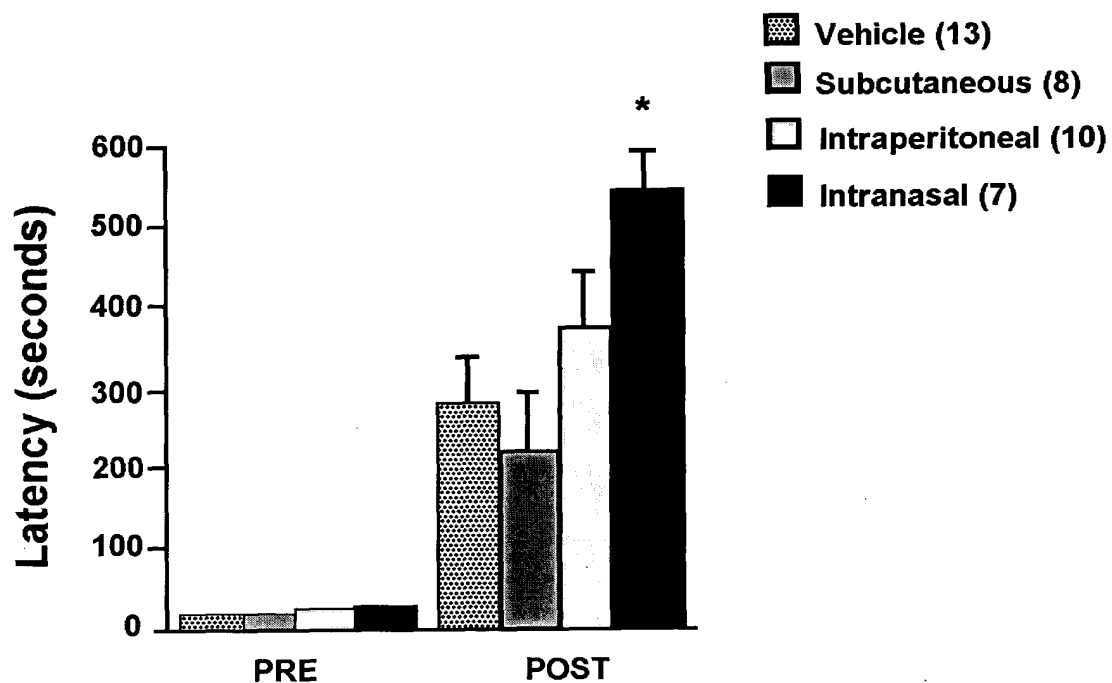


Fig. 2

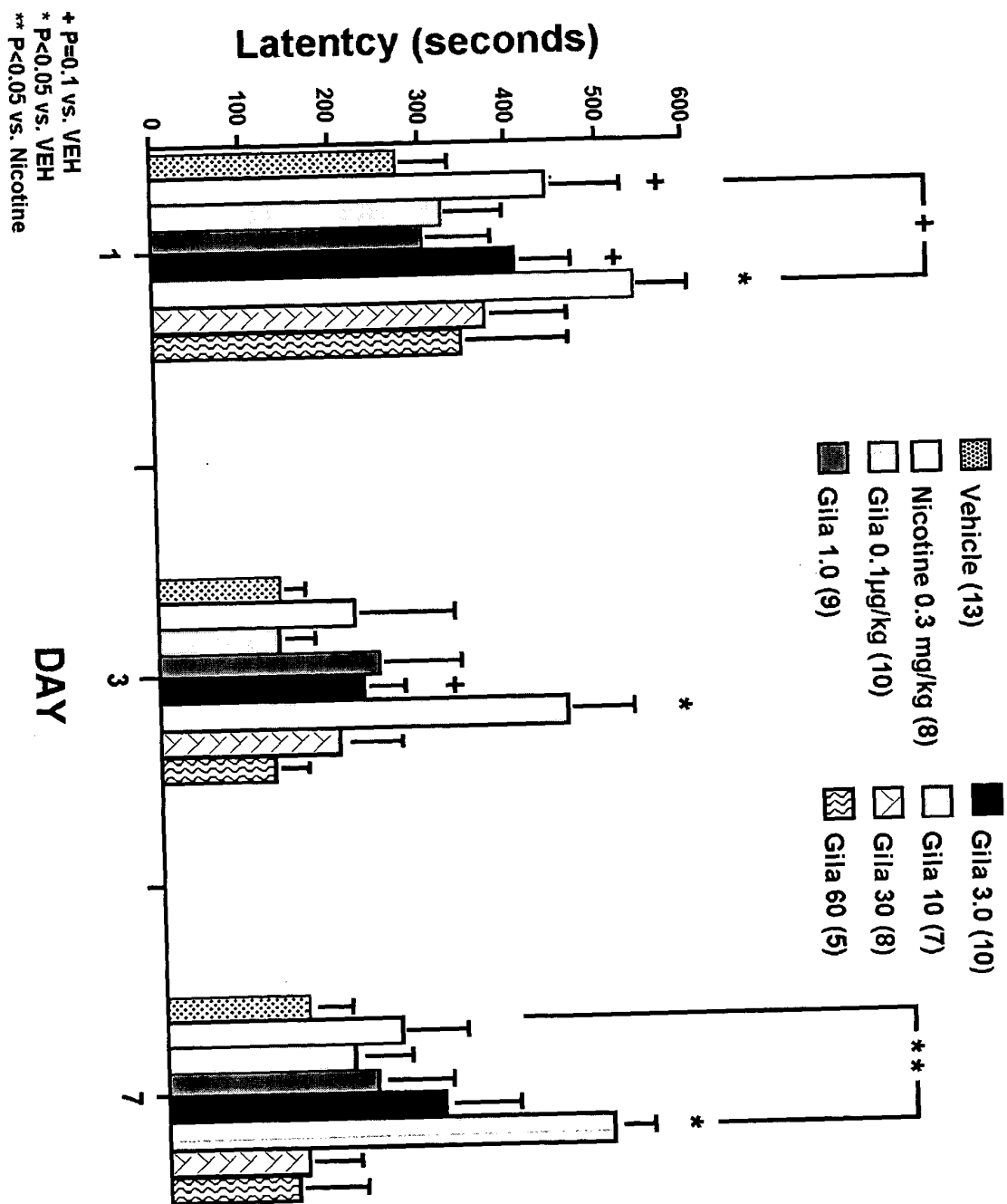


Fig. 3

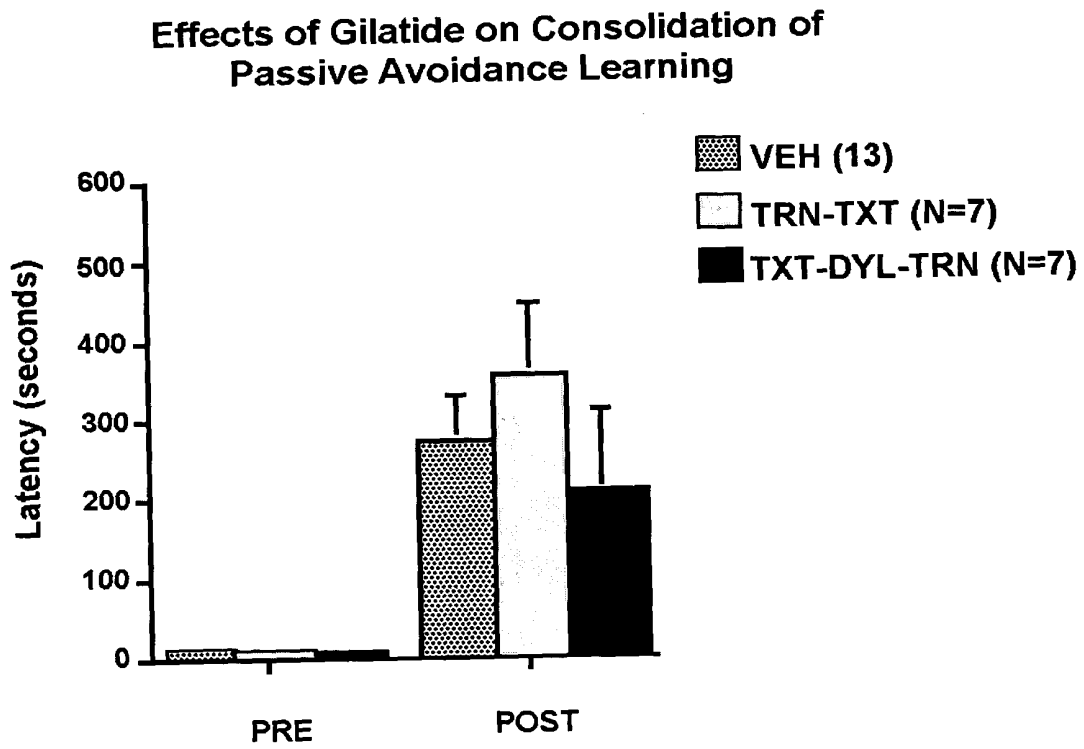


Fig. 4

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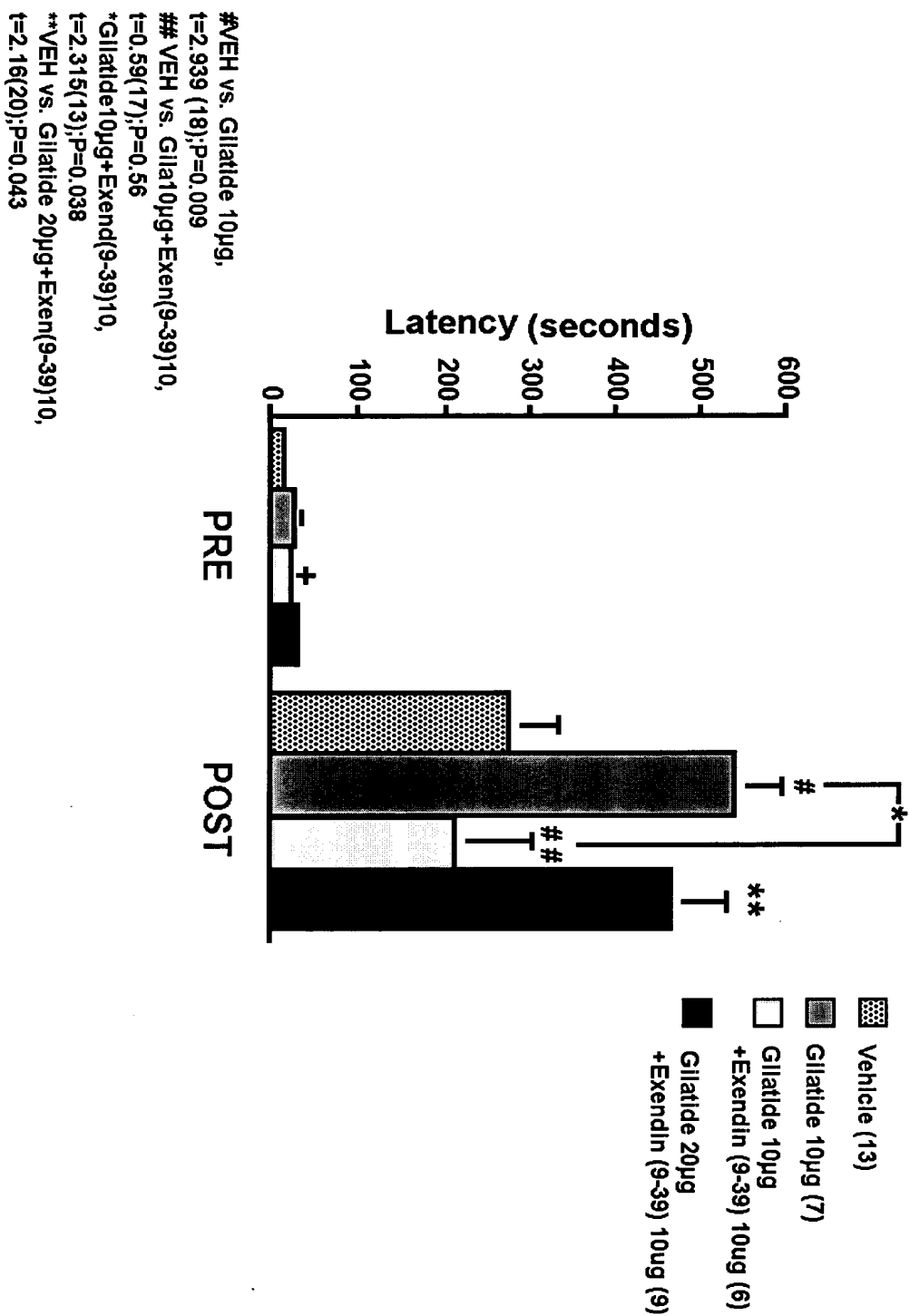


Fig. 5

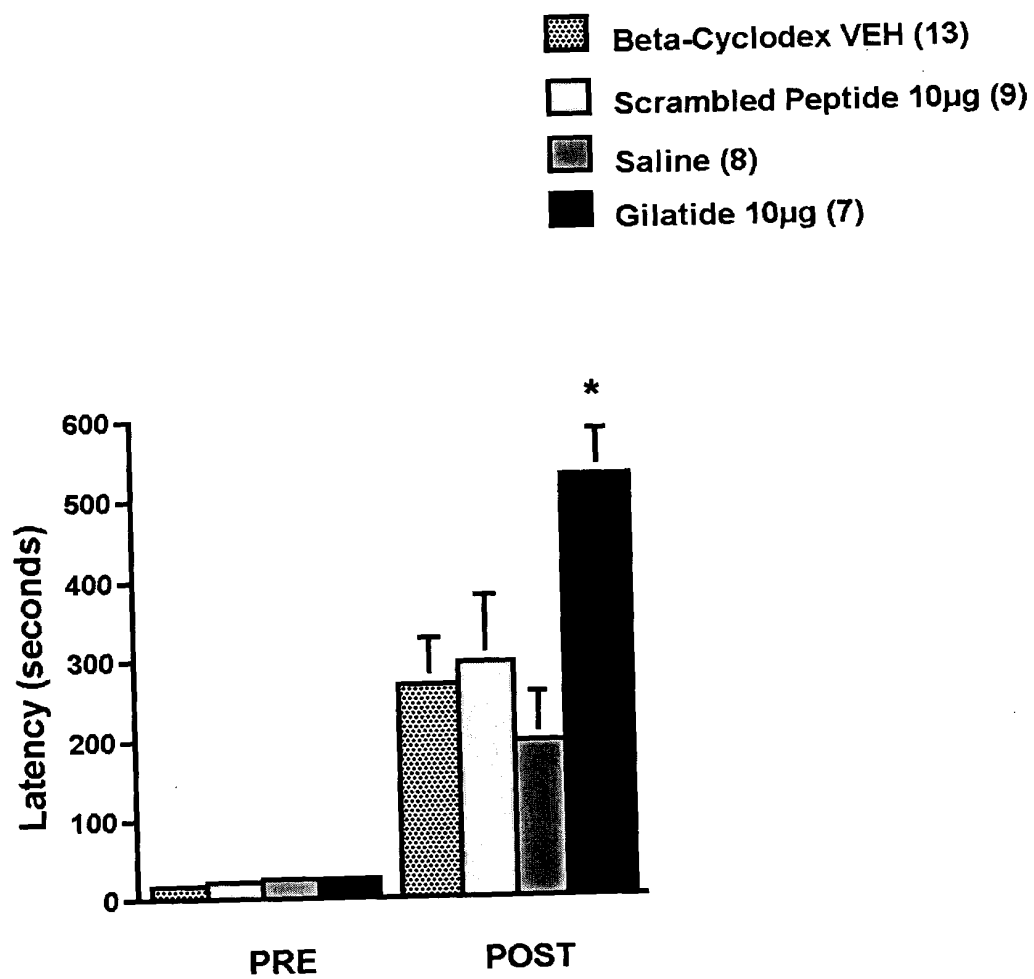


Fig. 6

## Effects of Gilatide on Locomotor Activity (n=5/group)

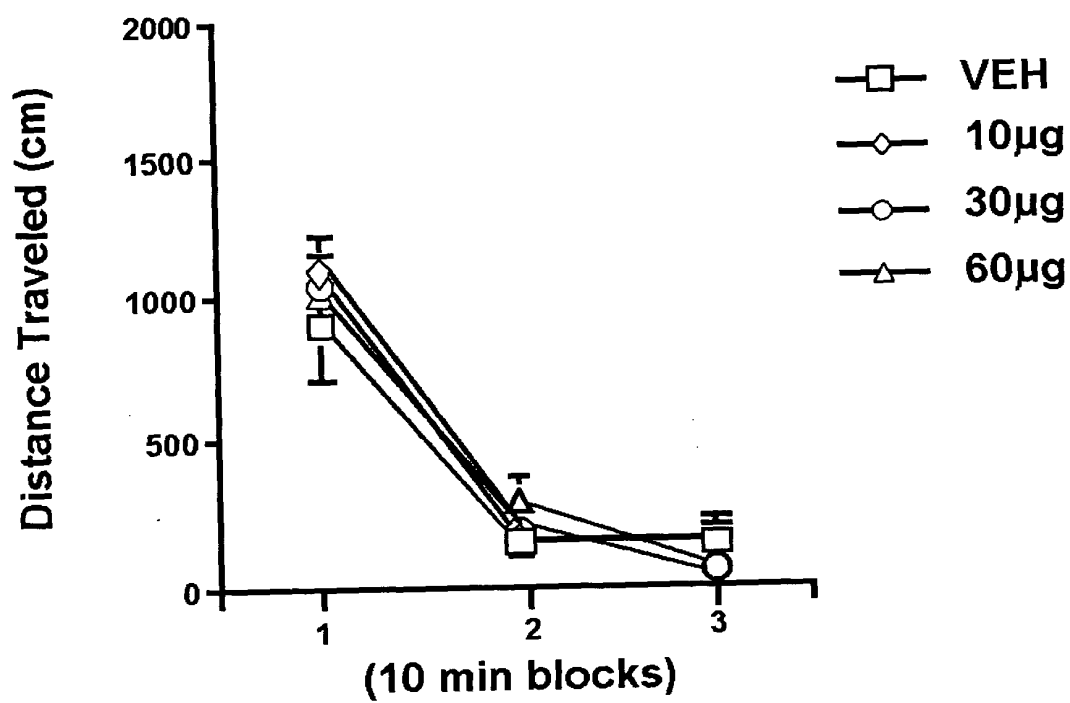


Fig. 7

### Effects of Gilatide on nociception (tail-immersion assay; n=5)

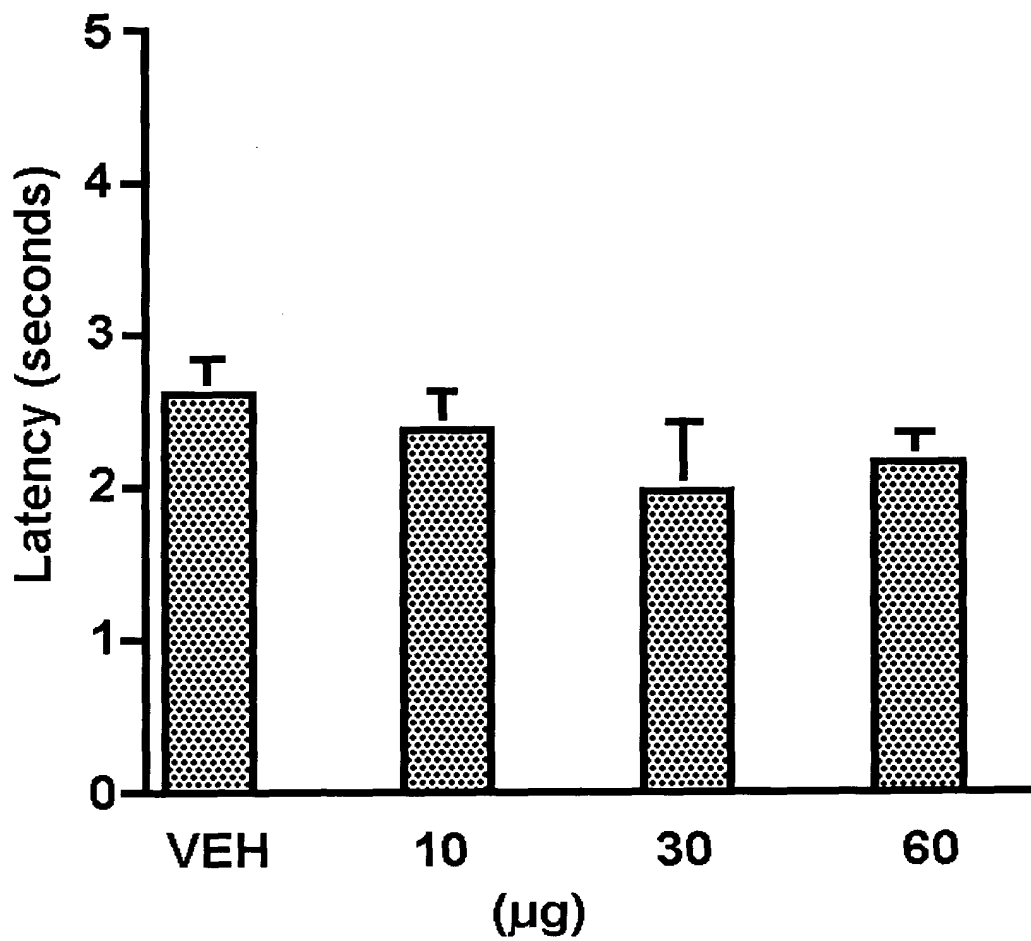
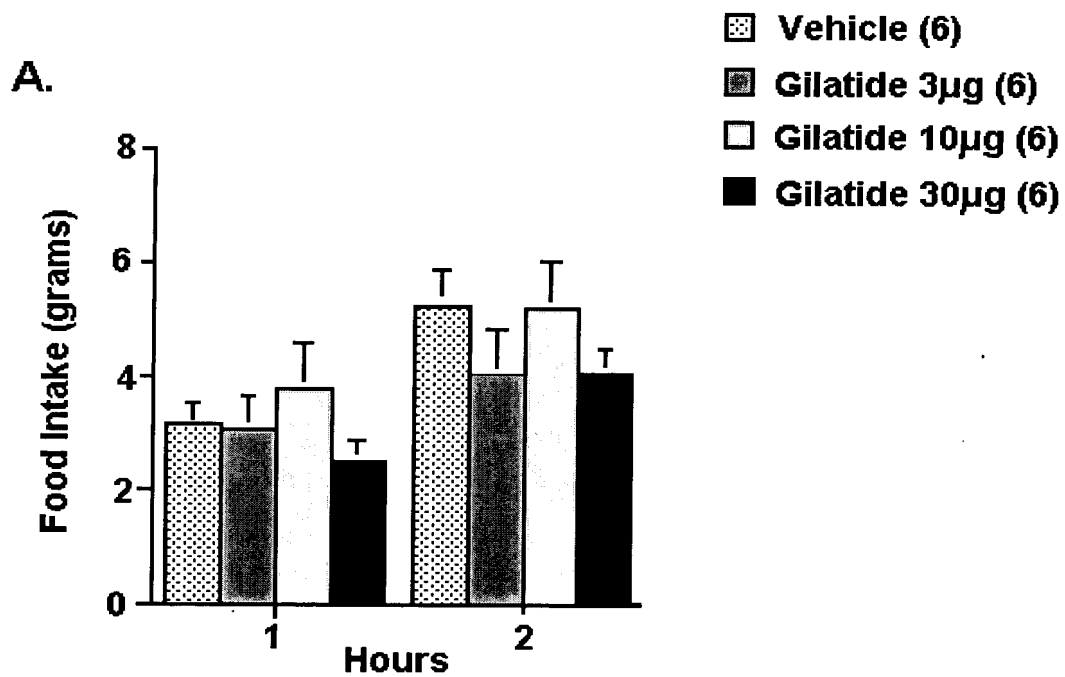


Fig. 8

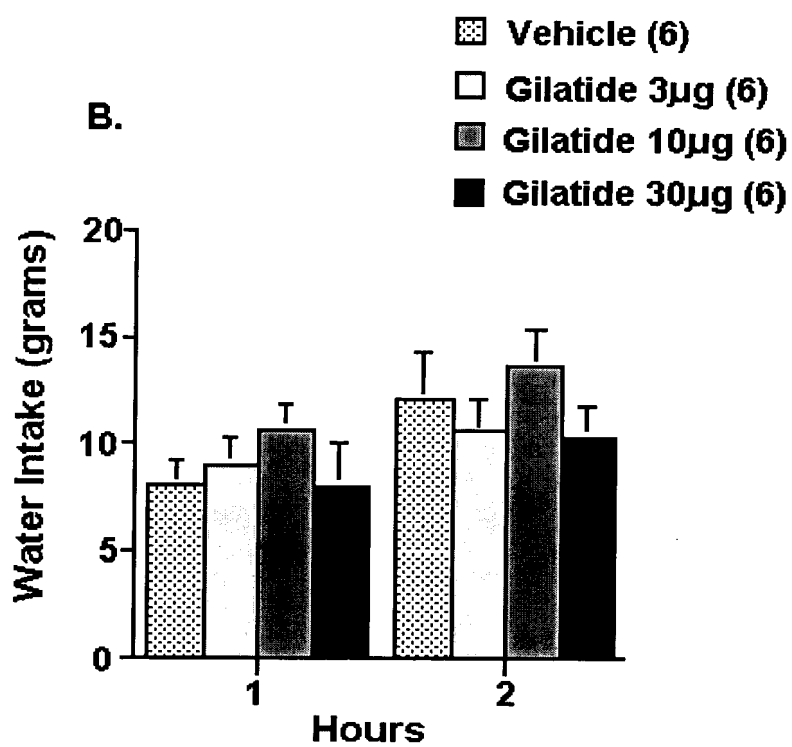


**Acute administration of Gilatide has no significant effects on food or water intake**



**Fig. 9a**

**Acute Administration of Gilatide has no significant effects on food or water**



**Fig. 9b**

Gilatide facilitates Retention (48hrs) of spatial learning in the Morris Water Maze task

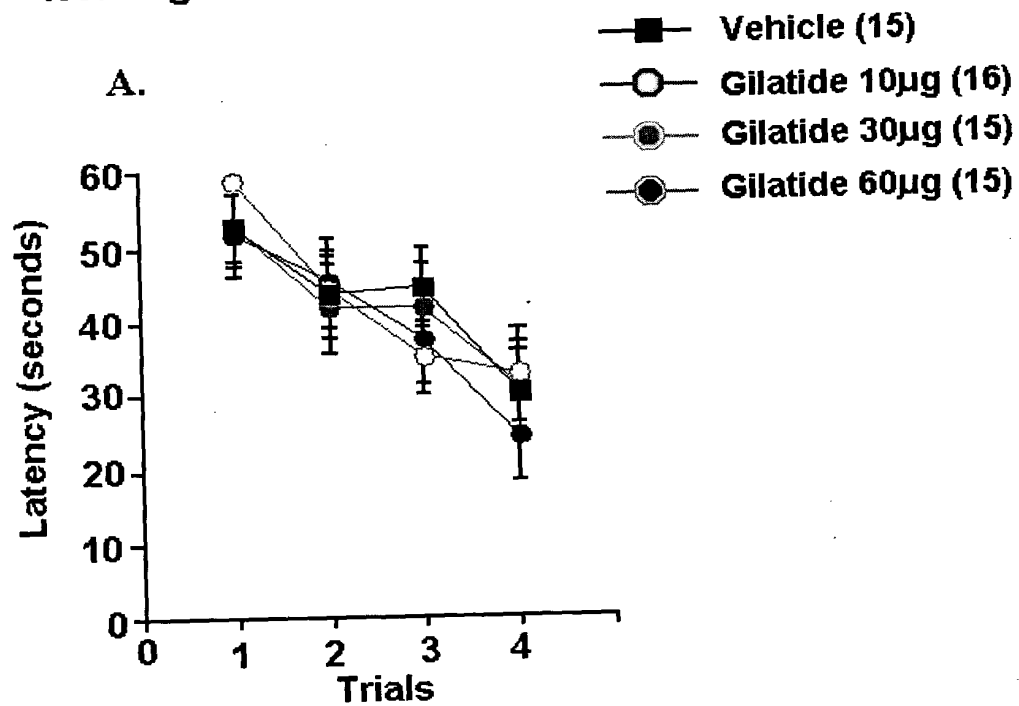
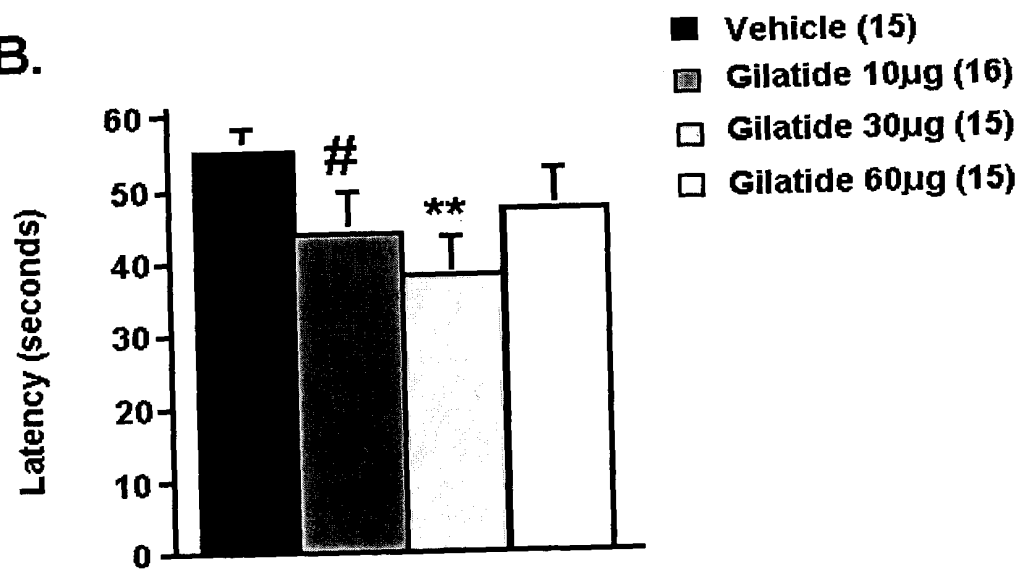


Fig. 10a

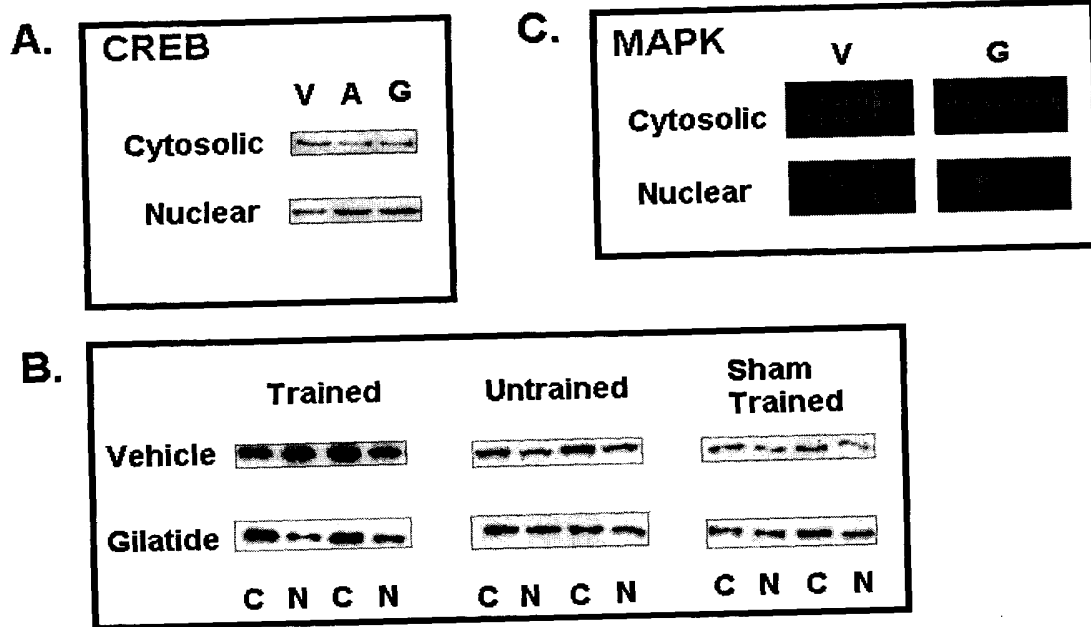
**Gilatide facilitates Retention (48hrs) of spatial learning in the Morris Water Maze task**

**B.**



**Fig. 10b**

# **Gilatide (10 $\mu$ g) enhances CREB and MAPK immunoreactivity in the hippocampus**



**Fig. 11**